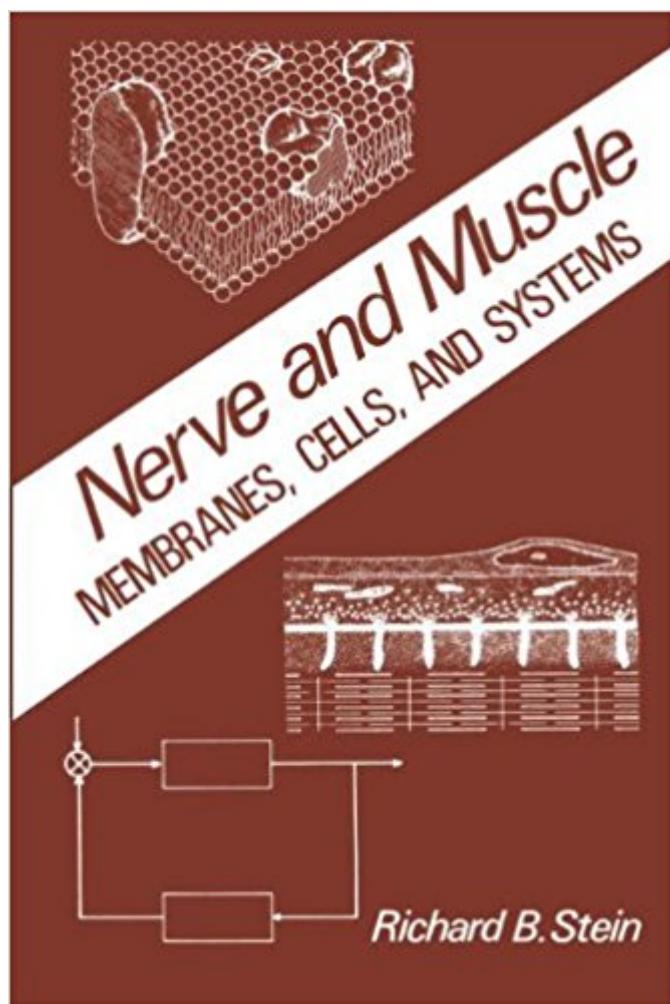


The book was found

Nerve And Muscle: Membranes, Cells, And Systems



Synopsis

There has been a convergence in recent years of people from the physical and biological sciences and from various engineering disciplines who are interested in analyzing the electrical activity of nerve and muscle quantitatively. Various courses have been established at the graduate level or final-year undergraduate level in many universities to teach this subject matter, yet no satisfactory short text has existed. The present book is an attempt to fill this gap, and arises from my experience in teaching this material over the past fifteen years to students on both sides of the Atlantic.

Although covering a wide range of biophysical topics from the level of single molecules to that of complex systems, I have attempted to keep the text relatively short by considering only examples of the most general interest. Problems are included whenever possible at the end of each chapter so the reader may test his understanding of the material presented and consider other examples which have not been included in the text.

Book Information

Hardcover: 266 pages

Publisher: Springer; 1 edition (November 1, 1980)

Language: English

ISBN-10: 0306405121

ISBN-13: 978-0306405129

Product Dimensions: 1 x 6.5 x 9.5 inches

Shipping Weight: 1.3 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #5,828,169 in Books (See Top 100 in Books) #32 in Books > Science & Math > Biological Sciences > Bioelectricity #1332 in Books > Science & Math > Biological Sciences > Biophysics #5178 in Books > Science & Math > Biological Sciences > Animals > Mammals

[Download to continue reading...](#)

Muscle Recovery: Tips for Faster Muscle Recovery, Growing Stronger Muscle and Overcoming Muscle Soreness (Muscle Growth, Muscle Soreness, Workout, Workout Recovery, Muscle Strength) Nerve and Muscle: Membranes, Cells, and Systems Fitness Nutrition: The Ultimate Fitness Guide: Health, Fitness, Nutrition and Muscle Building - Lose Weight and Build Lean Muscle (Carbs, Protein, Muscle ... Workout Nutrition, Nutrition For Athletes) The Bodybuilding Cookbook: 100 Delicious Recipes To Build Muscle, Burn Fat And Save Time (The Build Muscle, Get Shredded, Muscle & Fat Loss Cookbook Series) Muscle building box set: Ectomorph:How to Pack on as Much

Muscle as Possible in the Shortest Time, The 10 Best Ever Muscle Building Technique, 30+ Bulking Recipes, 3x books in one, Nerve Cells and Animal Behaviour Enjoy Your Cells (Enjoy Your Cells Series Book 1) Cellular Physiology of Nerve and Muscle Nerve and Muscle Excitation Bioelectrochemistry IV: Nerve Muscle Function-Bioelectrochemistry, Mechanisms, Bioenergetics and Control (Nato Science Series: A:) Pain Relief for Joint, Muscle and Nerve Pain, Drug Free Using TENS Biological Membranes: Theory of Transport, Potentials and Electric Impulses Electrical Properties of Biopolymers and Membranes, Vascular Endothelium and Basement Membranes (Advances in Microcirculation, Vol. 9) (v. 9) Ion Channels of Excitable Membranes Cell Membranes Membrane Permeability: 100 Years Since Ernest Overton, Volume 48 (Current Topics in Membranes) Anatomy and Physiology Study Guide: Key Review Questions and Answers with Explanations (Volume 3: Nerve Tissue, Spinal Nerves & Spinal Cord, Cranial Nerves & Brain, Neural Integrative, Motor & Sensory Systems, Autonomic Nervous System, Special Senses) Daniels and Worthingham's Muscle Testing: Techniques of Manual Examination and Performance Testing, 9e (Daniels & Worthington's Muscle Testing (Hislop)) Beyond Bigger Leaner Stronger: The Advanced Guide to Building Muscle, Staying Lean, and Getting Strong (The Build Muscle, Get Lean, and Stay Healthy Series)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)